



## Addendum # 2

Date: January 22, 2018  
Project: Fire Alarm Replacement at the Jason Library  
Contract: PC-17-033

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The work herein shall be considered part of the bid documents for the referenced project and carried out in accordance with the following supplemental instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time. Acknowledge receipt of addendum on the bid form as indicated.

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### **Revisions / Clarifications:**

1. In general, all fire alarm system cables shall be plenum-rated, 2-hour rated FPLP type cables. Wiring shall be in EMT conduit where installed in exposed areas (including but not limited to occupied areas, storage rooms, electrical rooms, and mechanical rooms) and wiring shall be MC cable where installed in inaccessible areas (including but not limited to concealed behind walls or concealed above gyp. or plaster ceilings). FPLP wiring installed above accessible ceilings may be provided without conduit.
2. All power wiring is to be provided in accordance with section 26 05 19.
3. The FA system will need to interface with the existing security system as specified. The existing security system is managed by Advantech, 302.227.7540.
4. Please see attached (Exhibit A\_00 46 00 - Drug Testing Affidavit) to be completed with the bid form.

### **Contractor RFIs / Responses:**

1. Question – What type of system is currently installed?  
*Response – The existing system is Silent Knight and the existing FA system is maintained by Advantech.*
2. Question – Our estimator that attended said you would be coming out with some info on cabling and conduit. When can we expect that guidance?  
*Response – See clarification item #1 above.*
3. Question – Regarding spec section 28 31 00 section 2.05 (G) are we to assume standard FPLP fire alarm cable is not to be used? If we are reading this correctly the only wiring

methods to be used will be conduit / wire and / or MC cable in walls or ceilings. Please clarify.

*Response – 2-hour rated, FPLP cable may be used except where installed exposed or installed in inaccessible areas. See clarification item #1 above.*

4. Question – At the prebid meeting we talked about the fire alarm cable being plenum cable. On addendum #1 you state all new cable to be fire-rated MC cable. Is this for power circuits or also for fire alarm cable?

*Response – See clarification item #1 above regarding fire alarm cable. See section 26 05 19 for requirements related to power circuits.*

5. Question – I am looking for the name and phone number of the company that is handling the security panel as I will need to tie in to that panel.

*Response – See clarification item #3 above.*

6. Question – Please clarify the following subsections under PART 3 EXECUTION:

- a. 3.03, A, 3. Factory Instruction: At control unit manufacturing training facility (Does DSU intend to send individuals to the manufacturers training facility and if so who is to bear the cost of airfare, transportation, per diem, etc.??)
- b. Maintenance Technicians: Detailed training for electrical technicians, on programming, maintaining, repairing and modifying; factory training: One (Are DSU electrical technicians licensed to work on commercial Fire Alarm systems in the State of Delaware? This seems unnecessary as the system will have either warranty and/or maintenance contracts to keep the system up and running).

*Response – See changes to specification item #1 below.*

Question:

Under section C. 1. of the bid form it is requiring us to attach a schedule submitted in Microsoft project. Will a schedule in any other program (excel) be acceptable? We have not used Microsoft project for a long time and do not have the program anymore.

Answer:

Any other format will need to include the task name and/or activity, duration, start, finish, overlaps and the substantial completion date.

Question:

Sheet #9.0 – “Electrical Demolition Symbol Legend” indicates “Sprinkler/Standpipe Waterflow Devices”, and “Electrical Symbol Legend” indicates “Flow Detector Switches”. Is the fire alarm vendor/electrical contractor responsible for demolition of the physical switches themselves and their replacement with new switches? Or is the scope of work to replace the wiring from the existing switches to the new fire alarm monitor modules? Please advise.

Answer: The contractor is to demolish existing switches and replace with new switches.

Question:

Sheet #9.9 – Third Floor Fire Alarm Plan - Monitor modules and control relays for duct detectors are indicated to be weatherproof devices located on the roof. Given that no fire alarm manufacturers produce weatherproof modules, is it acceptable for these devices to be located in the closest accessible conditioned space (proposed locations are Stair A and Stair B)? Please advise.

Answer: Weatherproof duct detectors are commercially available and are generally required where indicated. Interior duct detectors and relays are permitted where no duct branches exist between the interior duct detector location and HVAC unit.

Question:

Fire fighter phones are indicated to be installed throughout the project. Delaware State Fire Marshal's Office favors Bi-Directional Antenna systems in lieu of fire-fighter phone systems, as Delaware first responders use radios as their preferred means of communication. Please advise.

Answer: Fire fighter phones are required as specified, where indicated.

**Changes to Specifications:**

1. Specification 28 31 00 Fire Detection and Alarm –
  - a. Strike line 3.03, A, 3. No factory instruction is required at control unit manufacturer's training facility.
  - b. Strike line 3.03, D. Factory training is not required for maintenance technicians on programming, maintaining, repairing, or modifying the system.

**Changes to Drawings:**

1. None.

END

**AFFIDAVIT OF EMPLOYEE DRUG TESTING PROGRAM**

OMB Regulation 4104 for the Drug Testing of Contractor and Subcontractor Employees Working on Large Public Works Projects requires that Contractors and Subcontractors implement a program of mandatory drug testing for Employees who work on Large Public Works Contracts funded all or in part with public funds.

For more information, please refer to the following link for the full regulation: <http://regulations.delaware.gov/register/september2015/final/19%20DE%20Reg%20207%2009-01-15.pdf>

All the terms and conditions of *OMB Regulation 4104* have been thoroughly examined and are understood. We hereby certify that we have in place or will implement during the entire term of the contract a Mandatory Drug Testing Program for our employees on the jobsite that complies with this regulation:

Contractor/Subcontractor Name: \_\_\_\_\_

Contractor/Subcontractor Address: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Authorized Representative (typed or printed): \_\_\_\_\_

Authorized Representative (signature): \_\_\_\_\_

Title: \_\_\_\_\_

Sworn to and Subscribed before me this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

My Commission expires \_\_\_\_\_. NOTARY PUBLIC \_\_\_\_\_.

**AN AFFIDAVIT SHALL BE PROVIDED BY THE BIDDER AND ALL SUBCONTRACTORS IDENTIFIED IN ATTACHED SUBCONTRACTOR LIST. STATEMENT(S) MUST BE SIGNED AND NOTARIZED FOR YOUR BID TO BE CONSIDERED.**